become readily apparent to those skilled in the art after studying preceding descriptions and studying the drawings. It is therefore intended that the following appended claims be interpreted as including all such alterations, permutations, and equivalents as fall within the true spirit and scope of the present invention.

5   *What is claimed is:*

C L A I M S

1. An apparatus for remotely controlling a computer comprising:

a network;

a client computer coupled to said network, said client computer having a monitor, a keyboard, and a pointing device, said client computer running a browser program displaying a browser window on said monitor and further being capable of running a client program means in conjunction with said browser program that is delivered over said network;

a host computer coupled to said network and being accessible by said client computer using said browser program, said host computer running a program means that is responsive to inputs of said client computer as transmitted to said host computer over said network from said client computer, said host program means transmitting image updates to said client computer over said network to affect an image displayed in said browser window of said client computer.

2. An apparatus for remotely controlling a computer as recited in claim 1 wherein said network is an Internet-type network.

3. An apparatus for remotely controlling a computer as recited in claim 1 wherein said host computer is initially accessed by said client computer through a web page accessible through said network, and wherein said client computer and said host computer communicate directly after the respective addresses of said host computer and said client computer are known to each other.

4. An apparatus for remotely controlling a computer as recited in claim 3 wherein said image updates transmitted from said host computer to said client computer includes images that can be displayed upon a monitor connected to said host computer, such that inputs to said host computer from said keyboard and said pointing device of said client computer can control operations of said host computer, and such that images developed in response thereto can be displayed within said browser window of said client computer.

5.   An apparatus for remotely controlling a computer as recited in claim 1 wherein said client program is a Java Applet program.

5   6.   An apparatus for remotely controlling a computer as recited in claim 5 wherein said Java Applet is stored on said host computer as a script, and is transmitted to said client computer over said network along with an address of said host computer.

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7.

10   8.   An apparatus for remotely controlling a computer as recited in claim 1, wherein said host computer and said client computer each have an operating system selected from the group including Macintosh, Microsoft Windows, Microsoft Windows NT, and UNIX operating systems.

8.

15   9.   An apparatus for remotely controlling a computer as recited in claim 1 wherein a correct password from said client computer is required for it to access the functionality of said host computer.

9

10.   An apparatus for remotely controlling a computer system as recited 20 in claim 8 wherein said host computer provides access information concerning its accessibility by a client computer.

10

11.   An apparatus for remotely controlling a computer system as recited in claim 9 wherein said access information includes view only information and 25 view-and-control information.

11

12.   An apparatus for remotely controlling a computer system as recited in claim 10 wherein an indication of said access information is displayed in said browser window of said client machine.

30

12.

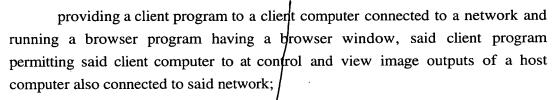13.   A method permitting the remote control of a host computer comprising:

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providing a client program to a client computer connected to a network and running a browser program having a browser window, said client program permitting said client computer to at control and view image outputs of a host computer also connected to said network;

5   receiving at said host computer over said network remote computer control information produced in response to the manipulation of least one of a keyboard and a pointing device of said client computer; and

detecting changes in said image outputs of said host computer and transmitting image updates corresponding to said changes to said client computer

10   for use by said client program to provide corresponding images in said browser window, where said image outputs can be affected by said remote computer control information sent from said client computer.

13

14.   A method as recited in claim 13 wherein said client program is

15   provided to said client computer by said host computer.

14

15.   A method as recited in claim 14 wherein said client program comprises a Java Applet program.

15

20   16.   A method as recited in claim 15 wherein said client program provides a translation of resolution between said host computer and said client computer.

16

17.   A method as recited in claim 16 wherein said client program

25   implements password protection for access to said host computer.

17

18.   A computer readable media including program instructions for implementing the method of claim 17.

18

30   19.   A computer readable media including program instructions for implementing the method of claim 18.

19.

20. A method for controlling a computer over a network comprising:

providing a computer network;

coupling a host computer means to the network for intercepting and sending

5 visual output data of said host computer means onto the network;

coupling a client computer to the network, said client computer having a monitor capable of displaying images and an input device capable of generating input device events, said client computer running a browser program displaying a browser window on said monitor; and

10 controlling said host computer with said client computer over said network, such that said input device events of said client computer can be acted upon by said host computer, and such that display information of said host computer can be viewed within said browser window said client computer.

15 *Add A²*